

IAP Cover Sheet

Incident Name: South 4 Group Fire

Version Name: Period 4

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]

Federal OSC:	Adams, Adam	Approved By	<i>PR - Photo Tag for Adam Adams</i>
Jefferson County Judge:	Branick, Jeff		<i>For [Signature]</i>
State OSC:	Davila, Hope		<i>[Signature]</i>
EOC Manager:	Monk, Troy		<i>[Signature]</i>
			<i>Jillian Layton</i>
			<i>Mike Wright</i>

Incident Action Plan

Notes

MAY CONTAIN PERSONAL IDENTIFYING INFORMATION, CONFIDENTIAL INFORMATION, OR SENSITIVE SECURITY INFORMATION. MAY BE EXEMPT FROM DISCLOSURE UNDER THE FREEDOM OF INFORMATION ACT OR TEXAS PUBLIC INFORMATION ACT

Opera Staging 12/1/2019

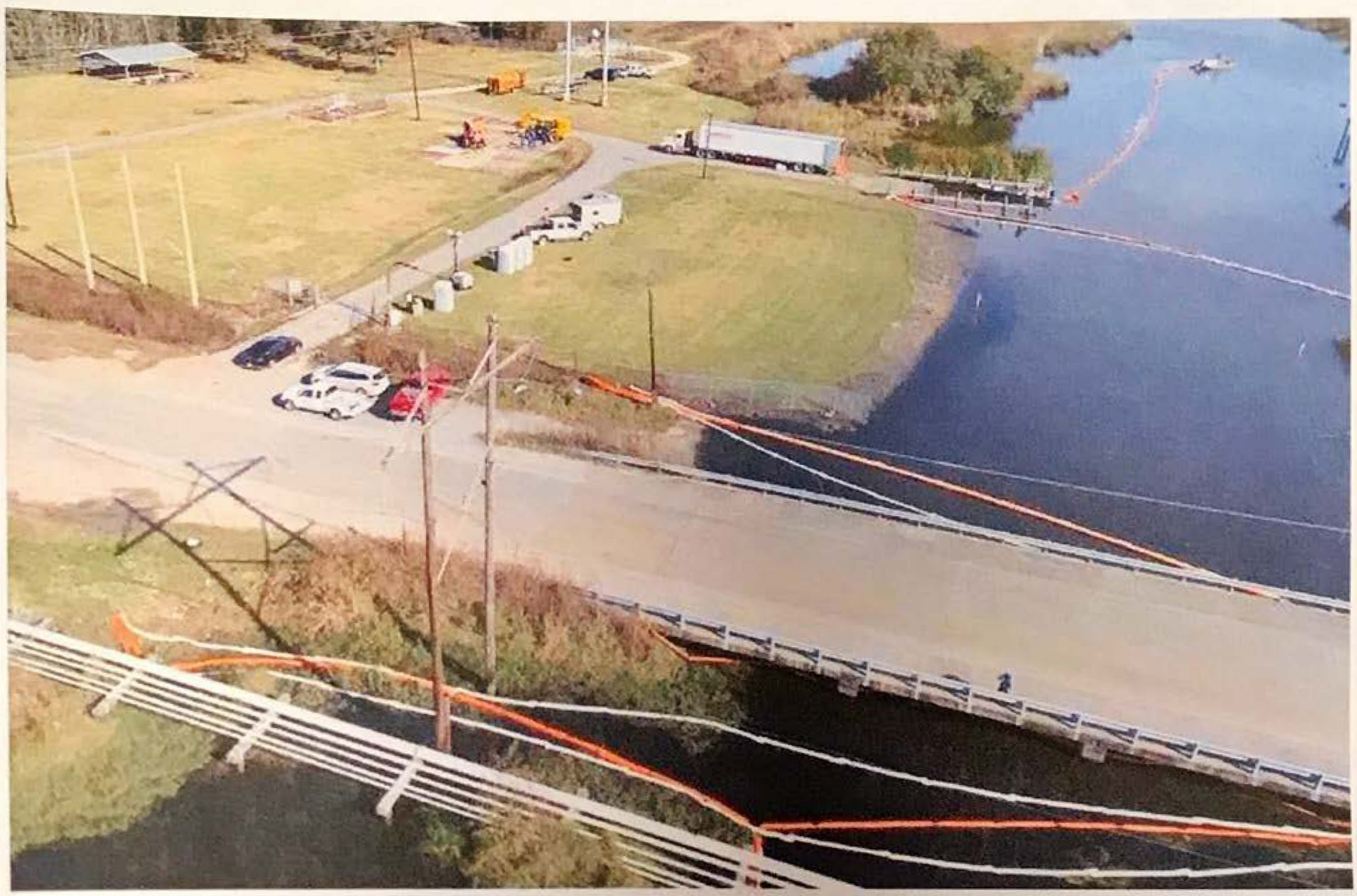


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Period: Period 4 [12/02/19 06:00 - 12/03/19 06:00]

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ICS 202 - Incident Objectives		Version Name: Period 4	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Objective			
Ensure the Safety of the Public and Response Personnel			
Maximize Protection of Environmentally-Sensitive Areas			
Stabilize the Incident and Protect Unaffected Assets and Physical Infrastructure			
Contain, Recover and Dispose of Spilled Material			
Manage Coordinated Response Effort			
Keep Stakeholders, Local Government, and Public Informed of Response Activities			
Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions)			
<p>Ensure proper site safety plan and risk analysis when conducting tactics.</p> <p>Support mandatory evacuation/shelter, if ordered.</p> <p>Support rehab for first responders.</p> <p>Maintain situational awareness including atmospheric conditions.</p> <p>Establish estimated inventory of remaining product.</p> <p>Maintain an inventory of fire fighting water volume and remaining containment capacity. Maintain record of fire suppression foam being used and remaining inventory.</p> <p>Establish and maintain an approved air monitoring plan with a public health component.</p> <p>Establish and maintain Document Retention, especially in regards to decision making documents.</p> <p>Prioritize the prevention of incident related materials from being discharged into the Neches River.</p> <p>Minimize emissions and odors.</p>			
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ICS 202a - Command Direction		Version Name: Period 4	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Priorities			
People (Life Safety)			
Assets			
Environment Protection			
Incident Stabilization			
Protect Transportation Infrastructure			
Waterway Management			
Public and Stakeholder Engagement			
Evidence Preservation			
Property Preservation			
Society Restoration/Business Continuity			
Information Management			
Resumption of Commerce			
Reputation			
Limitations and Constraints			
<ul style="list-style-type: none"> • Weather Conditions • Night Operations • Location of the Incident • Availability/shortfall of Resources • Transportation/Logistics • Support Infrastructure • Permits (Authorization to apply Alternate Response Techniques) • Wildlife activities (fish, birds, etc.) • Access to Shoreline (Private vs Public Lands) • Spilled Material Characteristics (monitoring/PPE requirements) • Public Health • Community/Media Perception • Changes in Evacuation or SIP orders asordered by Jefferson County Judge • Evidence Preservation • Work/rest Rotation Requirements • Disposal of Waste • Jurisdictional Issues 			
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ICS 202a - Command Direction		Version Name: Period 4	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Key Decisions and Procedures			
Key Decisions			
<ul style="list-style-type: none">• Makeup of UC - Federal, State, Local, & RP• Name of Incident = South 4 Group Fire• Overall Response Organization - Staffing<ul style="list-style-type: none">◦ Operations Section Chief & Deputy OSC = TPC◦ Planning Section Chief & Deputy PSC = TPC◦ Logistics Section Chief = TPC◦ Finance Section Chief = TPC◦ Safety Officer = TPC◦ Public Information Officer = TPC◦ Liaison Officer = TPC◦ Environmental Unit Leader = TPC <p>Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization</p> <ul style="list-style-type: none">• Command Post - Holiday Inn & Suites, 3950 IH 10, Beaumont, TX 77705• Joint Information Center - Holiday Inn & Suites, 3950 IH 10, Beaumont, TX 77705• Operational Period and work hours - 24 Hour Ops Period from 0600hrs to 0600hrs• All external releases of information should be approved by UC (Press releases and press conferences)• Any resource request over \$10,000(pending logistics) should be approved by EOC Manager• Any issues around waterway management will be managed, as required, with the USCG			
Procedures			
<ul style="list-style-type: none">• Resource Requests / Ordering Process (ICS 213 RR)• Press Releases / External Reporting Procedures - Done• External Reporting Review & Approval Process - Planning Cycle• Operational Security Process - TRG Lanyards and Badges• Documentation Process and Guidelines - IAP Software, following document retention• Finance Operating Guidelines - Is deployed• Claims Process - Number established - (866) 601-5880• Demobilization Process• Shoreline Cleanup Assessment Techniques - As applicable			
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ICS 202b - Critical Information Requirements		Version Name: Period 4	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
<p>Critical Incident Reporting Threshold (Critical Information Reports):</p> <p>Notify Unified Command Immediately for any of the Following:</p> <ul style="list-style-type: none"> • Injury Beyond First Aid or Death • Evacuations <ul style="list-style-type: none"> ◦ Any change to evacuation/SIP order • Any Air Monitoring Results Exceeding Action Levels <ul style="list-style-type: none"> ◦ Working on air monitoring plan • Critical Response Equipment Status Change • Change in the Source Status • Critical Weather Events • Public infrastructure closures (parks, boat ramps, railroads, roads, etc.) • Protests / Demonstrations • Significant Security Issues • Breach of Safety Zone • VIP Visits • Dead or Oil Impacted Wildlife • Adverse Media Coverage or Stakeholder Input • Affected Public Seeking Medical Attention • Significant Response Events • Impacts to Commerce • Any unaccounted for, or unauthorized personnel in the field • Special requests from agencies • Impacts to Water Intake of the Neches River <ul style="list-style-type: none"> ◦ Release of sheen or product to the Neches River • When containment level of any area reaches critical levels 			
<p>ROUTINE REPORTING:</p> <p>Situation Unit:</p> <ul style="list-style-type: none"> • Progress Report ICS-209 Incident Status Summary (Daily Report - 1800hrs) • Live Common Operating Picture (Displays - Ongoing) • Spot Weather Report, Trajectories & Meeting Schedule (Displays - Hourly) <ul style="list-style-type: none"> ◦ Command and General Staff Meeting - 1900hrs at new ICP (Rest of Meeting Schedule to follow) <p>Operations:</p> <ul style="list-style-type: none"> • Operational Status Update prior to Objectives Meeting & Key Trigger Points in the response (Milestones/Operational Constraints/Challenges/Future OPS) from OSC/PSC/Logistics) - (Briefing) • Fire water reportout including fire water runoff/discharged to both wastewater treatment and outfall - (0600 Operations Briefing) <p>Liaison Officer:</p> <ul style="list-style-type: none"> • Agencies assigned to incident listing (Report - 0800hrs) • Adversely impacted & involved stakeholders listing (Report - 0800hrs) <p>Public Information Officer:</p> <ul style="list-style-type: none"> • Media Talking Points from PIO (Daily Report - 0800hrs) • PIO to report on media climate (Report/Briefing - 0800hrs) <p>Finance:</p> <ul style="list-style-type: none"> • Burn Rate from Finance (Report - 0800hrs) • Updated claims information (Report - 0800hrs) 			
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ICS 204 - Assignment List			Group: Fire Suppression Group	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Fire Suppression Supervisor	Holley, Chad	TPC Group	(b) (6)	
Fire Suppression Group Supervisor	Williams, James	TPC Group		
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Fire Suppression Group	Fire Monitor	Fire Monitor	6 each	
Fire Suppression Group	Fire Fighters	Fire Fighters	25 each	
Fire Suppression Group	Fire Pumps	Fire Pumps	4 each	cubic feet/minute
Fire Suppression Group	Vehicle: Fire Engine	Ladder Truck (Tower)	1 each	
Fire Suppression Group	Decon Trailer	Decon Trailer	1 each	feet
Fire Suppression Group	Trailer	Person Rehab Trailer	1 each	feet
Fire Suppression Group	Fire Fighting Foam	Vapor Suppression Foam	6 gallon(s)	
Fire Suppression Group	Equipment: Safety	Temperature Sensor	10 each	
Assignments				
<p>Conduct response activities per the Facility Response Plan.</p> <p>Consider wind speed, direction and heading to manage smoke.</p> <p>Implement IR thermal imaging via UAS to determine source and extent of fire. Coordinate with personnel blocking valve(s) and controlling source(s). Determine the condition to isolate the source(s).</p> <p>Establish ingress. Maintain the established primary and secondary boundaries and rally point at the site.</p> <p>Evaluate use of foam as a proactive tactic for vapor and/or fire suppression.</p> <p>Utilize manned/unmanned fire monitors and other resources to apply water to extinguish fire and possible use of foam for vapor suppression.</p> <p>Upon extinguishment of fire, continue applying water to the site and adjacent areas to ensure cooling and prevent re-ignition.</p> <p>Coordinate decontamination needs of the affected area, personnel and equipment.</p> <p>Continue to utilize available portable fire pumps and fire apparatus to assist firefighting efforts.</p>				
Special Instructions				
Use proper PPE and maintain communications at all times.				
Communications				
Name / Function		Contact Details		
Safety / Safety		Safety 1		
Multi Agency Radio /		Multi Agency Radio 4		
ICS 204 - Assignment List			Updated 12/01/2019 16:14 UTC -6:00	
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ICS 204 - Assignment List		Group: Fire Suppression Group	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Special Environmental Considerations			
<p>Third party to assist with air monitoring, following Air Sampling Plan. Provide data to the agencies. See Air Monitoring</p> <p>See Recovery and Protection Group</p> <p>Provide notification to agencies prior to</p>			
Special Site-Specific Safety Considerations			
<p>Wear full bunker gear with SCBA. Stay upwind of the smoke plume. Maintain visual on the fire. Maintain safe distance from fires.</p> <p>Maintain awareness to surrounding structures and line of fire for falling debris.</p> <p>Monitor air quality while within the Exclusion Zone.</p> <p>Immediately report safety incidents and concerns to the Incident Commander.</p>			
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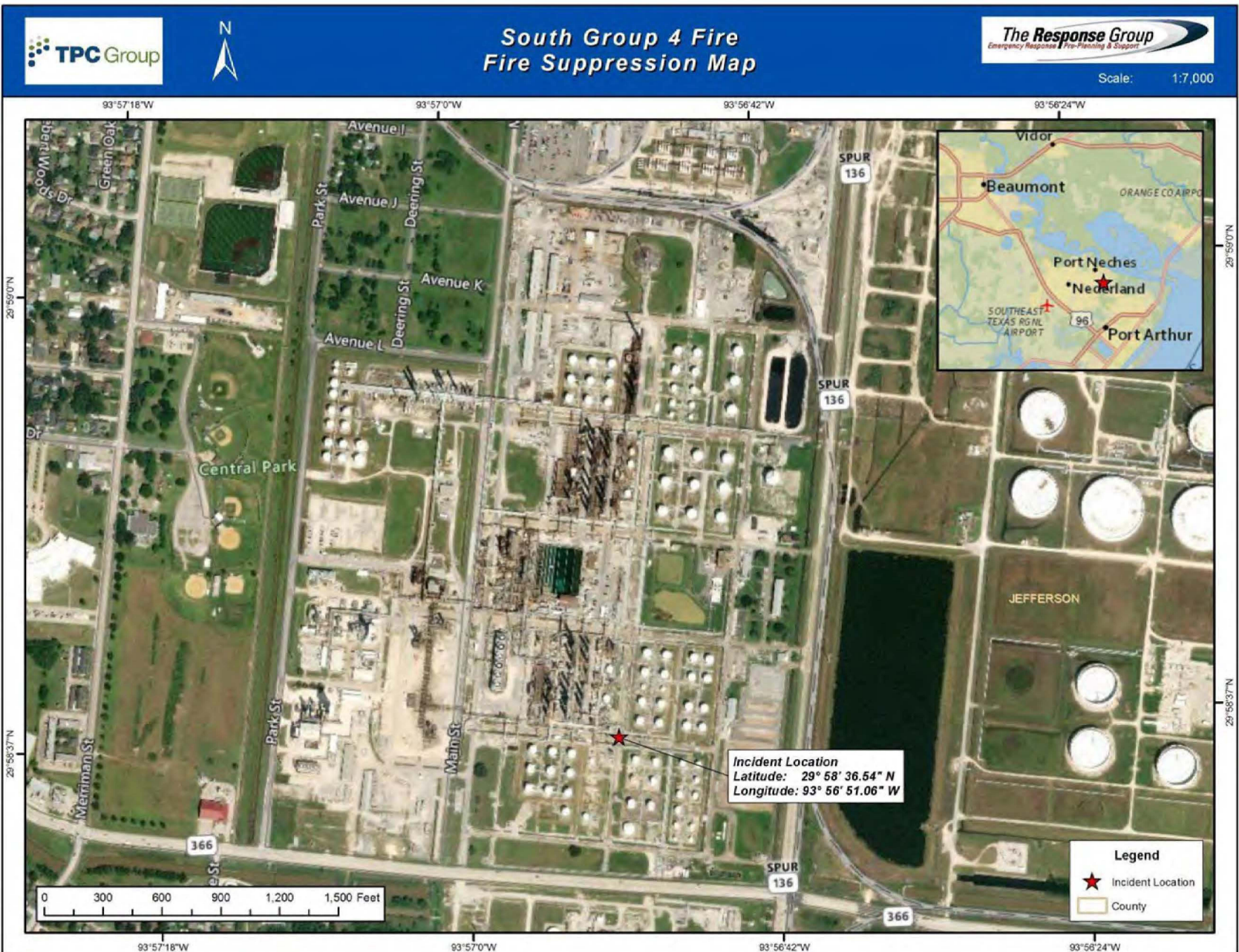
ICS 204 - Assignment List

Group: Fire Suppression Group

Incident Name: South 4 Group Fire

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]

Fire Suppression Group



ICS 204 - Assignment List

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ICS 204 - Assignment List		Group: Air Monitoring Group	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Assignments			
<p>All Air Monitoring activities are to be conducted in accordance with the Air Monitoring Plan. For all areas as directed for both day and night shift as safe to do so. Continuous and roving detecting air gas monitoring to be conducted by trained gas testing personnel using multi-gas monitors.</p> <p>Ambient air sampling will continue in the 4-mile radius and the surrounding area as it has since the incident began. Technicians will shift to any areas where sampling results indicate elevated results.</p> <p>EPA (START/Weston) - 2 day personnel and 2 night personnel roving team conducting air monitoring downwind in the communities.</p> <p>TCEQ (NRC) - 2 day personnel and 2 night personnel roving team conducting air monitoring downwind in the communities.</p> <p>TPC (CTEH) - Utilize 11 roaming air monitors within the area, as well as the surrounding community.</p> <p>Utilize stationary air monitoring collecting analytical samples that are being sent for asbestos, PNAH, and hydrocarbons.</p> <p>Air monitoring is occurring in multiple areas where spill mitigation and remediation activities are occurring, including staging areas and vessels.</p> <p>Conduct real-time air monitoring with off-site and on-site air monitoring stations in order to monitor the community and personnel with MultiRAEs and AreaRAEs. AreaRAE units will be deployed at fixed locations and readings will be monitored in a centralized location by the Air Monitoring Group to allow for rapid recognition, communication and response to changing conditions.</p> <p>Ensure future deployment locations are established based on plume projections.</p> <p>Report to Safety and Operations on established schedule except for action level exceedances which should be reported immediately.</p> <p>If sustained detection of readings are observed, personnel will be instructed to deploy to site to confirm the detection with a secondary hand held real time instrument. Monitor changing environmental conditions and notify operations supervisors of any unsafe conditions. Data managers onsite will provide data summaries and support.</p>			
Special Instructions			
Use proper PPE. Report any changes to operation section.			
Communications			
Name / Function		Contact Details	
Safety / Safety		Safety 1	
Multi Agency Radio		Multi Agency Radio 4	
Special Environmental Considerations			
Follow the approved Air Sampling to ensure the goals are met and information disseminated.			
Special Site-Specific Safety Considerations			
<p>Wear SCBA while in the Exclusion Zone. Stay out of smoke plume.</p> <p>Immediately leave area with elevated readings above the air monitoring action limit.</p> <p>Be aware of surroundings and vehicle traffic.</p> <p>Be aware of wildlife while working around/near water and high grassy areas.</p> <p>Personal flotation device required if within 3' of bodies of water (canals, deep ditches, etc.).</p> <p>Immediately report safety incidents and concerns to your supervisor.</p>			
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**South Group 4 Event
Air Monitoring Sites Overview Map**

Legend

- Incident Location (Red Star)
- Air Monitoring Sites (Purple Dots)
- County (Orange outline)
- Federal Lands (Green outline)

Scale: 1:110,000

Map Labels: Port Arthur, Groves, Pear Ridge, Lakeview, Pleasure Island, Neches, Jack Brooks Regional Airport, Port Arthur, Port Acres, Taylor Bayou, Jefferson, Gladys, Central Gardens, Beaumont Gardens, Netheland, Port Neches, Orange, Cameron, Sabine Lake, Port Arthur COTP, Zummo, Guffey, Port Arthur City.

Coordinates: 94° 43' 36" W, 93° 59' 38" W, 93° 54' 40" W, 93° 49' 42" W, 29° 55' 00" N, 29° 55' 00" N, 30° 00' 00" N.

ICS 204 - Assignment List			Division: Division A	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division A Supervisor	Garcia, Thomas			
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division A	Jon Boat	Jon Boat	4 each	feet
Division A	UTV	UTV	1 each	
Division A	Pumps	6" Transfer Pump	2 each	
Division A	Sorbent: Boom	Sorbent: Boom	1100 feet	inch (es)
Division A	Spill Tech	Spill Tech	20 each	
Division A	Light Plants	Light Plants	3 each	
Assignments				
<p>From Outfall 201 to Orchard Avenue.</p> <p>Contain spilled material and recover with vacuum truck. Remove debris with dip nets and saturated sorbent boom and place in pollution bags for disposal at the following sites:</p> <ul style="list-style-type: none"> - 201 Outfall (double barrel drum skimmer) - Pine St. - Orchard Ave. <p>Begin flushing shoreline utilizing high volume of water and low pressure.</p> <p>Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor.</p> <p>Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.</p> <p>Offload recovered product to storage assets as needed. Follow Disposal Plan and coordinate with Disposal Group Supervisor as required.</p> <p>Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.</p> <p>Report all wildlife impacts to supervisor immediately.</p>				
Communications				
Name / Function		Contact Details		
Safety / Safety		Safety 1		
Location of Work				
Outfall 201 to Orchard Rd.				
Special Equipment / Supplies Needed for Assignment				
Dip nets for debris removal				
Special Environmental Considerations				
Develop and follow Product recovery Plan				
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ICS 204 - Assignment List		Division: Division A	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Special Site-Specific Safety Considerations			
<p>Wear Level D PPE.</p> <p>Be aware of wildlife while working around/near water and high grassy areas.</p> <p>Steep embankments may exist around waterways.</p> <p>Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).</p> <p>Monitor air quality. Immediately leave area with readings elevated above the action limit.</p> <p>Immediately report safety incidents and concerns to your supervisor.</p>			
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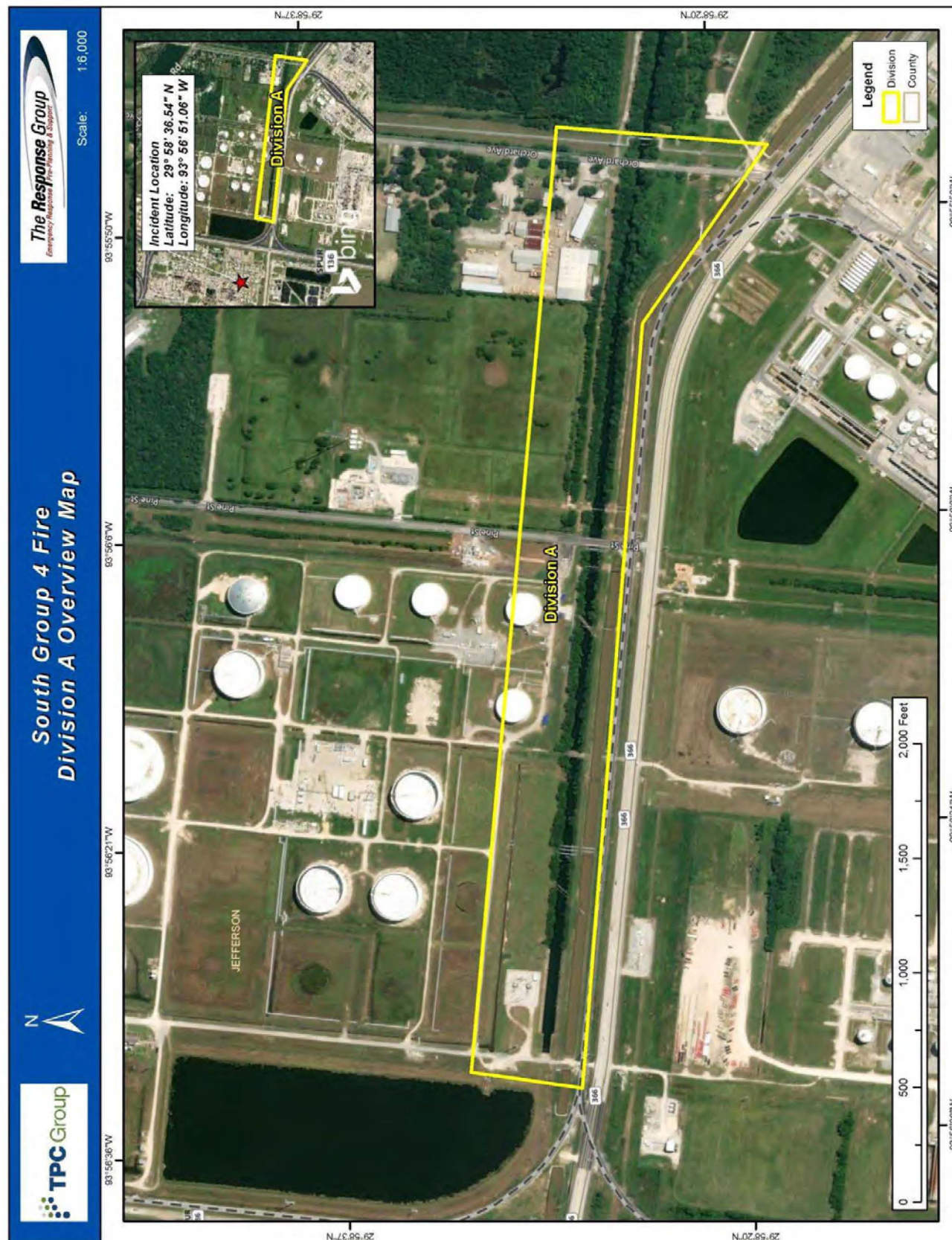
ICS 204 - Assignment List

Division: Division A

Incident Name: South 4 Group Fire

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]

Division A Map



ICS 204 - Assignment List

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ICS 204 - Assignment List			Division: Division B	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division B Supervisor	Williams, Jordan			
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division B	Boom	Boom	1100 feet	in
Division B	Response Boat	Response Boat	2 each	feet
Division B	UTV	UTV	1 each	
Division B	Construction Materials/Supply	Equipment mats	35 each	
Division B	Fork Lift	Fork Lift	1 each	
Division B	Sorbent: Boom	Sorbent: Boom	1400 feet	inch (es)
Division B	Wash Pump	2" Wash Pump	4 each	cubic feet/minute
Division B	Spill Tech	Spill Tech	15 each	
Division B	Light Plants	Light Plants	1 each	
Assignments				
<p>From Orchard Avenue to the wier dam in the canal</p> <p>Maintain sorbent boom on the east side of Orchard Ave. and change out as needed and place in pollution bags for disposal.</p> <p>Maintain containment boom lined with sorbent boom in canal north of pump station recover spilled material/sheen with dip nets and place in pollution bags for disposal.</p> <p>Begin flushing shoreline utilizing high volume of water and low pressure.</p> <p>Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.</p> <p>Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.</p> <p>Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence.</p>				
Special Instructions				
Proper PPE and PFDs while working within 3' of water.				
Communications				
Name / Function		Contact Details		
Safety / Safety		Safety 1		
Location of Work				
Orchard Rd to Weir Dam				
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ICS 204 - Assignment List		Division: Division B	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Special Environmental Considerations			
Collect firewater runoff utilizing the minimizing hierarchy: Pump to JWWTP utilizing diesel pumps; contain runoff onsite, if threat of breach establish response collection of water in frac tanks or other containment, boom outfalls to capture floating hydrocarbon, establish testing plan for sampling water to include volatiles, semi-volatiles, TOC, test for fire retardant constituents, PFAS, pH.			
Special Site-Specific Safety Considerations			
<p>Wear Level D PPE.</p> <p>Be aware of wildlife while working around/near water and high grassy areas.</p> <p>Steep embankments may exist around waterways.</p> <p>Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).</p> <p>Monitor air quality. Immediately leave area with readings elevated above the action limit.</p> <p>Immediately report safety incidents and concerns to your supervisor.</p>			
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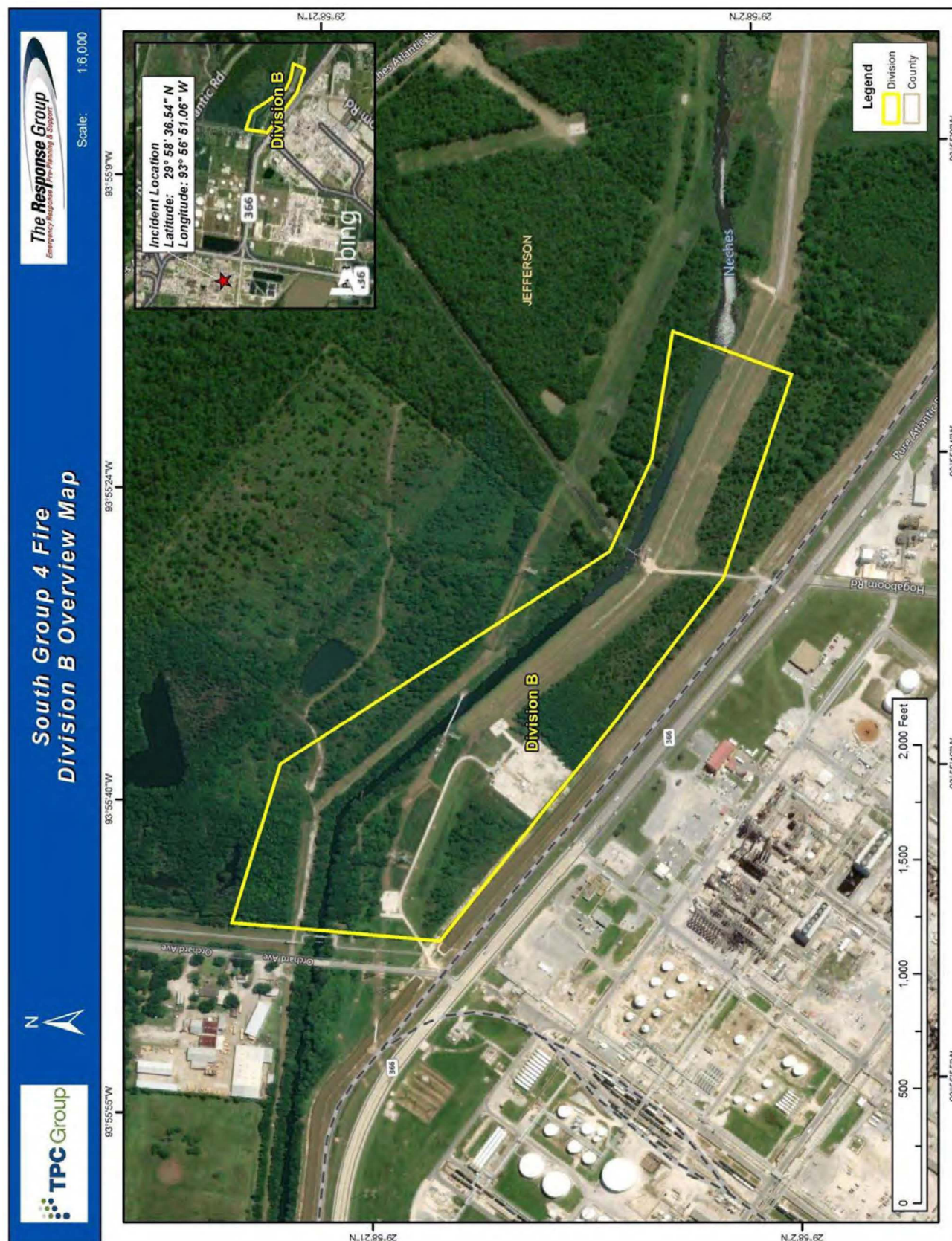
ICS 204 - Assignment List

Division: Division B

Incident Name: South 4 Group Fire

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]
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Division B Map



ICS 204 - Assignment List	
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Updated 12/01/2019 16:49 UTC -6:00

ICS 204 - Assignment List			Division: Division C	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division C Supervisor	Blanchard, Leland	Clean Harbors Environmental Service Inc. (CHES)	(b) (6)	
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division C	Boom	Boom	1600 feet	in
Division C	Jon Boat	Jon Boat	2 each	feet
Division C	Sorbent: Boom	Sorbent: Boom	2400 feet	inch (es)
Division C	Wash Pump	2" Wash Pump	2 each	cubic feet/minute
Division C	Spill Tech	Spill Tech	7 each	
Assignments				
<p>From the wier dam in the canal to Atlantic Rd.</p> <p>Maintain boom and change out saturated sorbent boom at the wier dam</p> <p>Maintain diversion boom lined with sorbent boom inlet to the LNVA pump station and along the shoreline to minimize impact to marsh areas.</p> <p>Maintain boom across the canal west and east of the LNVA pump station inlet and recover spilled material/sheen with dip nets and place in pollution bags for disposal.</p> <p>Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.</p> <p>Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.</p> <p>Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.</p>				
Location of Work				
Weir Dam to Atlantic Rd.				
Special Site-Specific Safety Considerations				
<p>Be aware of wildlife while working around/near water and high grassy areas.</p> <p>Steep embankments may exist around waterways.</p> <p>Wear flotation device within 3' of water.</p> <p>Monitor air quality. Immediately leave area with readings elevated above the action limit.</p> <p>Immediately report safety incidents and concerns to your supervisor.</p>				
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ICS 204 - Assignment List

Division: Division C

Incident Name: South 4 Group Fire

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]

Division C Map



ICS 204 - Assignment List

Prepared By Cassity Land, Updated 12/01/2019 16:50 UTC -6:00 PP

ICS 204 - Assignment List			Division: Division D	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division D Supervisor	Bowers, Daniel	Resolute Environmental	(b) (6)	
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division D	Boom	Boom	2000 feet	in
Division D	Jon Boat	Jon Boat	1 each	feet
Division D	Response Boat	Response Boat	1 each	feet
Division D	Construction Materials/Supply	Equipment mats	35 each	
Division D	Sorbent: Boom	Sorbent: Boom	2000 feet	inch (es)
Division D	Spill Tech	Spill Tech	7 each	
Assignments				
<p>From Atlantic Rd. to the confluence at the Neches River including the outfall west of the power line ROW.</p> <p>Maintain containment boom lined with sorbent boom at the Atlantic Rd. bridge and OPERA boat ramp from south of the Associated Marine Services Inc. dock.</p> <p>Maintain boom across the mouth of the canal at the Neches River and open and close to accomodate vessel traffic in and out of Star Lake Canal.</p> <p>Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.</p> <p>Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.</p> <p>Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence.</p>				
Location of Work				
Atlantic Rd to Neches River				
Special Site-Specific Safety Considerations				
<p>Be aware of wildlife while working around/near water and high grassy areas.</p> <p>Steep embankments may exist around waterways. Wear flotation device within 3' of water.</p> <p>Monitor air quality. Immediately leave area with readings elevated above the action limit.</p> <p>Report safety incidents and concerns to your immediate supervisor.</p>				
ICS 204 - Assignment List			Prepared By Cassity Land, Updated 12/01/2019 16:50 UTC -6:00 PP	
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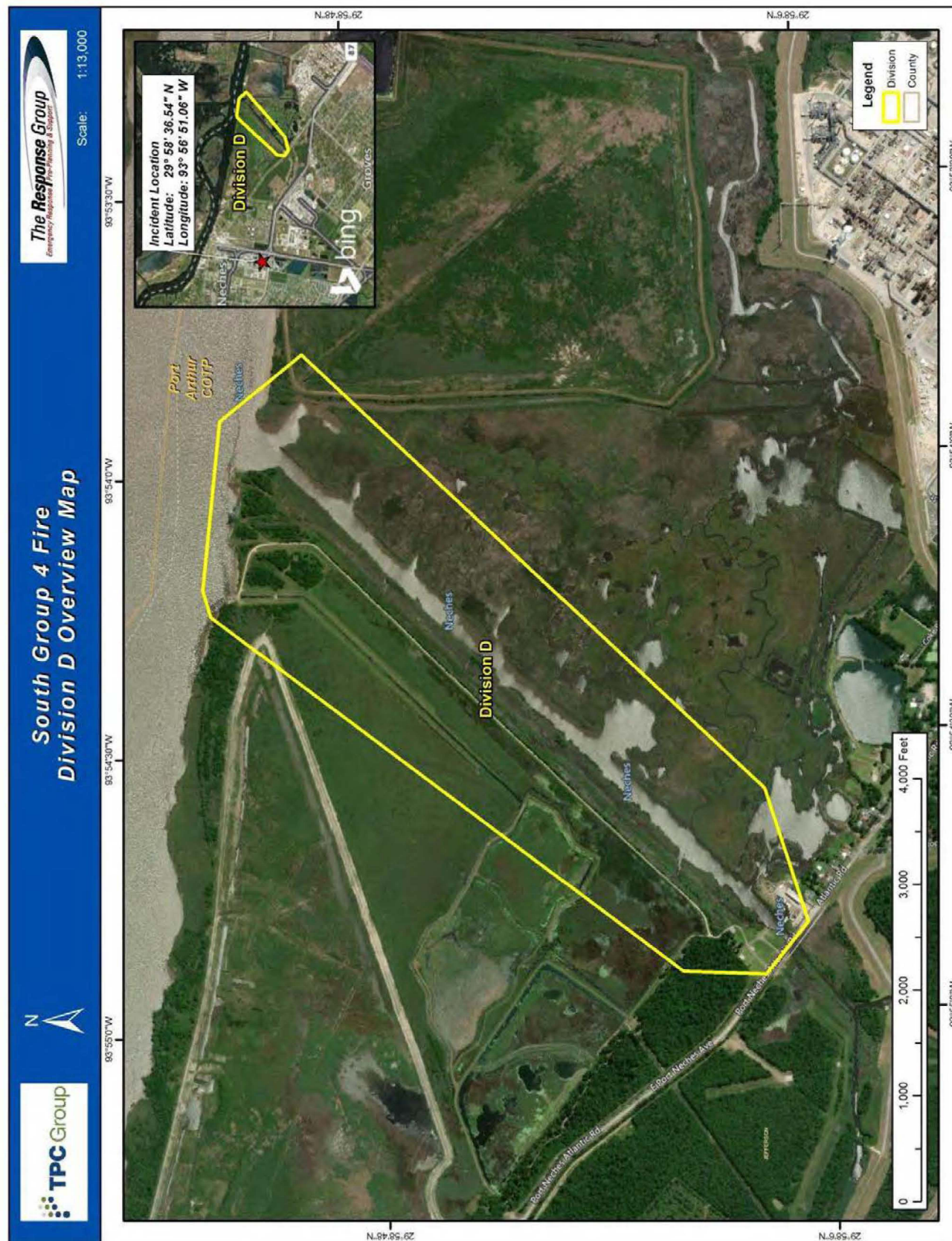
ICS 204 - Assignment List

Division: Division D

Incident Name: South 4 Group Fire

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]

Division D Map



ICS 204 - Assignment List

Prepared By Cassity Land, Updated 12/01/2019 16:50 UTC -6:00 PP

ICS 204 - Assignment List			Division: Division E	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Division E Supervisor	Williams, Jordan			
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Division E	Boom	Boom	100 feet	in
Division E	Sorbent: Boom	Sorbent: Boom	150 feet	inch (es)
Assignments				
<p>Huntsman outfall canal from Star Lake Canal to Port Neches Atlantic Rd.</p> <p>Maintain sorbent boom across the canal and containment boom on northeast side of Port Neches Atlantic Rd.</p> <p>Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.</p> <p>Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.</p> <p>Dead or impacted wildlife should be immediatly reported documented, location noted and possibly collected as evidence.</p>				
Location of Work				
Huntsman Outfall Canal to Atlantic Ave				
Special Site-Specific Safety Considerations				
<p>Be aware of wildlife while working around/near water and high grassy areas.</p> <p>Steep embankments may exist around waterways. Wear flotation device within 3' of water.</p> <p>Monitor air quality. Immediately leave area with readings elevated above the action limit.</p> <p>Report safety incidents and concerns to your immediate supervisor.</p>				
ICS 204 - Assignment List			Prepared By Cassity Land, Updated 12/01/2019 16:51 UTC -6:00 PP	
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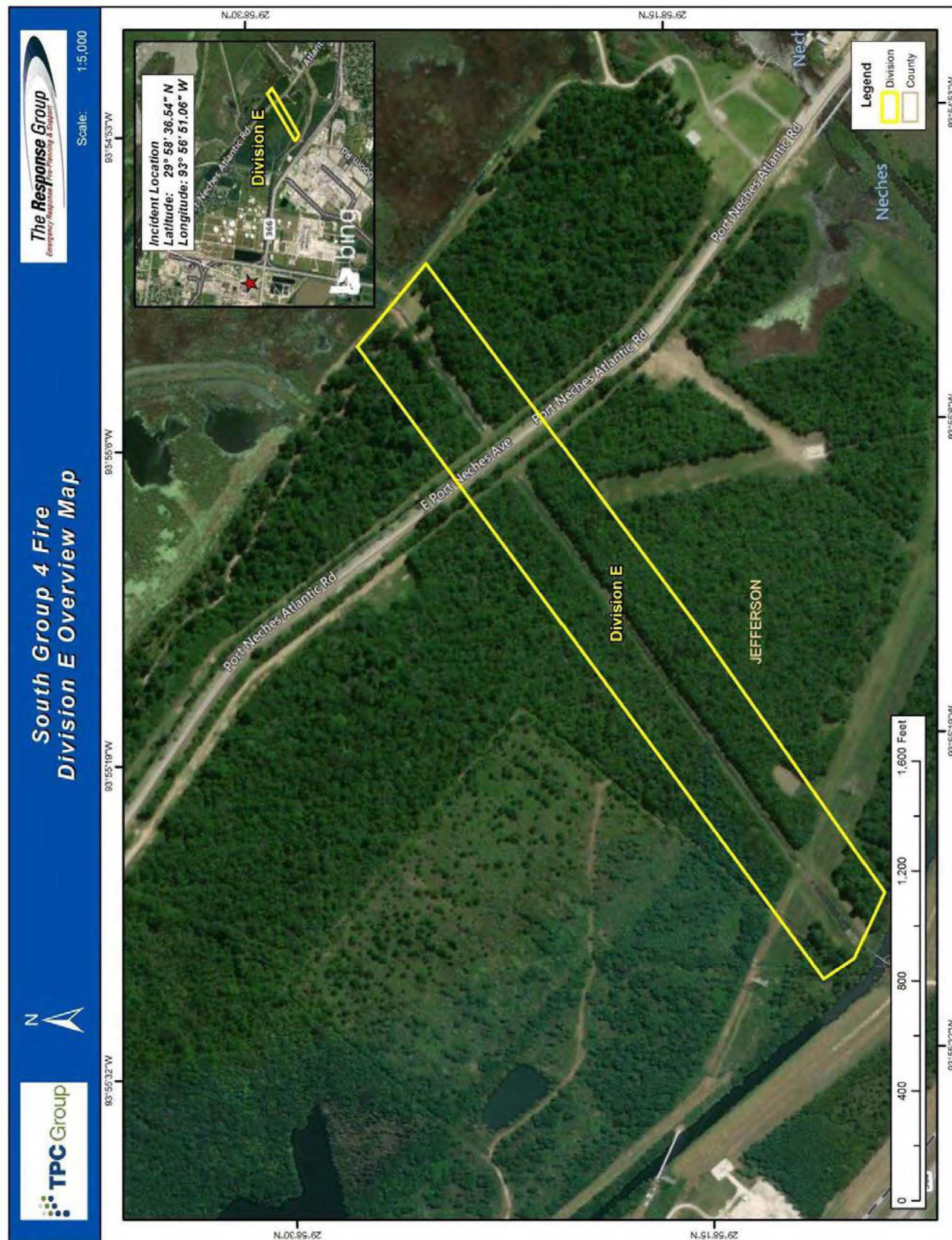
ICS 204 - Assignment List

Division: Division E

Incident Name: South 4 Group Fire

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]

Division E Map



ICS 204 - Assignment List

Prepared By Cassity Land, Updated 12/01/2019 16:51 UTC -6:00 PP

ICS 204 - Assignment List			Group: Asbestos & Debris Recovery Group	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6)	
Asbestos & Debris Recovery Group	Clean Harbors (Cotton)			
Asbestos & Debris Recovery Group	CTEH			
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Asbestos & Debris Recovery Group	Safety Personnel	Asbestos Remove Tech	8 each	
Asbestos & Debris Recovery Group	Safety Personnel	Debris Removal Tech	8 each	
Asbestos & Debris Recovery Group	Safety Personnel	Toxicologist	1 each	
Asbestos & Debris Recovery Group	Safety Personnel	Documentation Specialist	4 each	
Assignments				
<p>Community assessment for the presence of any ACM or incident debris and the sampling, collection and removal.</p> <p>1 Toxicologist</p> <p>2 crews setup for photo documentation and geotagging (2 people each crew).</p> <p>2 crews setup for abatement sampling and recovery of ACM. (4 people each crew)</p> <p>2 crews set up to recover any industrial debris identified. (4 people each crew)</p>				
ICS 204 - Assignment List			Updated 12/01/2019 16:15 UTC -6:00	
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/01/2019 17:17 UTC -6:00	25 of 44	© TRG	

ICS 204 - Assignment List			Group: Waste Management Group	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Director	Blanchard, Cory	Clean Harbors Environmental Service Inc. (CHES)	337-321-2948	
Waste Management Group Supervisor	CTEH			
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Waste Management Group	Frac Tank	Frac Tank	13 each	bbls
Waste Management Group	Roll Off	Roll Off	12 each	feet
Waste Management Group	Manpower: Responder	Waste Specialist	3 each	
Assignments				
<p>All waste collection activities will be conducted in accordance with the approved Waste Management Plan and established Federal, State and Local regulations.</p> <p>Maintain collection sites and deploy personnel to collect, dispose of, measure, document, and account for all waste streams with one HAZMAT Technician at each location per 12-hour shift (24 hours a day). Environmental Specialist will maintain waste manifest and mass balance and report to supervisors as directed.</p> <p>All contractors to provide information tracking, e.g. bills of lading, for waste types and volumes by collected location.</p> <p>Coordinate storage, labeling, access, and inventory of waste containers in their respective waste streams:</p> <ul style="list-style-type: none"> -Oily liquids (free floating oil, oil emulsions, decon wash water) -Oily Solids (sand, vegetation, absorbents, ppe, debris) -Non-Oiled Solids (general trash) -Recyclables 				
Special Instructions				
Use PPE and PFD within 3' of water.				
Communications				
Name / Function		Contact Details		
Safety / Safety		Safety 1		
Special Environmental Considerations				
Develop Waste Plan.Follow plans for the collection of waste for proper disposal				
Special Site-Specific Safety Considerations				
<p>Wear Level B PPE and SCBA while collecting hazardous material.</p> <p>Be aware of wildlife while working around/near water and high grassy areas.</p> <p>Ensure immediate, proper labeling of waste.</p> <p>Monitor air quality while disposing of material. Wear full Tyvek suit and SCBA for ACM pickup.</p> <p>Wear chemical gloves and clothing appropriate for task and hazards for non-hazardous waste.</p> <p>Immediately report safety incidents and concerns to your supervisor.</p>				
ICS 204 - Assignment List			Prepared By IAP Support, Updated 12/01/2019 16:13 UTC -6:00 PP	
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ICS 204 - Assignment List

Group: Waste Management Group

Incident Name: South 4 Group Fire

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]
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20191201 Frac Tanks Locations



ICS 204 - Assignment List	
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Prepared By IAP Support, Updated 12/01/2019 16:13 UTC -6:00 PP
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ICS 204 - Assignment List			Group: Environmental Sampling Group	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6)	
Env Sampling Group	CTEH			
Env Sampling Group	EPA/Weston			
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
Environmental Sampling Group	Manpower: Responder	TPC Sampling Specialist	6 each	
Environmental Sampling Group	Manpower: Responder	EPA Sampling Specialist	4 each	
Environmental Sampling Group	Manpower: Responder	TCEQ Sampling Specialist	3 each	
Assignments				
<p>Conduct sampling of water to monitoring conditions in the surrounding waterways. TPC (CTEH) - 5 sample locations twice a day. 3 teams of 2 sampling tech accompanied by and air monitoring tech.</p> <p>Personnel will conduct surveys within one half mile radius from incident location at all houses and business's. They will survey for asbestos containing material and will remediate and mitigate all incident debris as needed.</p> <p>Fire water management: Continue sending 8k gpm via pipe to Huntsman JWWTP. If needed pumping at Huntsman Star Lake lift station can be utilized to maintain flow.</p>				
Special Equipment / Supplies Needed for Assignment				
Sampling Kits				
Special Environmental Considerations				
Follow approved sampling plan.				
Special Site-Specific Safety Considerations				
<p>Wear Level D PPE.</p> <p>Be aware of wildlife while working around/near water and high grassy areas.</p> <p>Steep embankments may exist around waterways.</p> <p>Wear flotation device within 3' of bodies of water (canals, deep ditches, etc.).</p> <p>Monitor air quality. Immediately leave area with readings elevated above the action limit.</p> <p>Immediately report safety incidents and concerns to your supervisor.</p>				
ICS 204 - Assignment List			Updated 12/01/2019 16:15 UTC -6:00	
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ICS 204 - Assignment List			Group: SCAT Group	
Incident Name: South 4 Group Fire			Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
Operations Personnel				
Position	Name	Affiliation	Contact Number(s)	Work Shift
Operations Section Chief	Carlton, Doug	TPC Group	(b) (6)	
Operations Section Chief	Lynn, Gordon (Mike)			
Support Services Branch Director	Sanders, Jason	TPC Group	(b) (6)	
SCAT Group	CTEH			
SCAT Group	TGLO			
Resources Required				
Area Of Operation	Resource Kind	Description	Quantity	Size
SCAT Group	Manpower: Responder	SCAT Team Member	6 each	
SCAT Group	Vessel	SCAT Boat	1 each	feet
Assignments				
<p>2 x 3 person teams consisting of FOSC Rep, SOSC Rep, and RP Rep will conduct formal shoreline assessment of affected and non affected shorelines by vehicle and vessel (as needed) from outfall 201 to the Neches River.</p> <p>Each SCAT member must read the site safety plan to understand PPE requirements and sign the plan as acknowledgement before deploying into field.</p>				
Special Environmental Considerations				
<p>Develop SCAT Plan. Conduct rapid assessment to evaluate effectiveness of the cleanup efforts and ensure they meet the final agreed upon criteria for clean up.</p>				
<div></div>				
ICS 204 - Assignment List			Updated 12/01/2019 16:52 UTC -6:00	
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Group: SCAT Group

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]



ICS 206 - Medical Plan				Version Name: Period 4				
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]				
Medical Aid Stations								
<i>Name</i>	<i>Location</i>	<i>Paramedic On Site</i>	<i>Phone</i>	<i>Radio</i>				
Medical Resources - Gate 44	29.964087, -93.946737	<input checked="" type="checkbox"/>						
Transportation (Ground and/or Air Ambulance Services)								
<i>Ambulance Service</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air</i>	<i>ALS</i>			
Acadian Ambulance - Port Arthur (409-980-7740)	Port Arthur, TX	Ph1: 409-980-7740	800 Meg System	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			
Beaumont EMS	Beaumont, TX	Ph1: 409-880-3901	155.340	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Southeast Texas Air Rescue				<input type="checkbox"/>	<input type="checkbox"/>			
Hospitals								
<i>Hospital</i>	<i>Location</i>	<i>Phone</i>	<i>Radio</i>	<i>Air Travel Time</i>	<i>Ground Travel Time</i>	<i>Trauma Center</i>	<i>Helipad</i>	<i>Burn Center</i>
UTMB Galveston	301 University Blvd Galveston, TX 77755 29.312199, -94.77902					I	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
The Medical Center Of Southeast Texas	2555 Jimmy Johnson Blvd Port Arthur, TX 77640 29.934952, -93.985008	409-853-5900				IV	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Baptist Beaumont Hospital	3080 College Street Beaumont, TX 77701 30.068474, -94.120255	409-212-5012				III	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Christus Southeast Texas- St Elizabeth	2830 Calder Avenue Beaumont, TX 77702 30.085583, -94.131699	409-892-7171				II	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ICS 206 - Medical Plan				Prepared By IAP Support, Updated 12/01/2019 16:22 UTC -6:00 PP				
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/01/2019 17:17 UTC -6:00			32 of 44		© TRG		

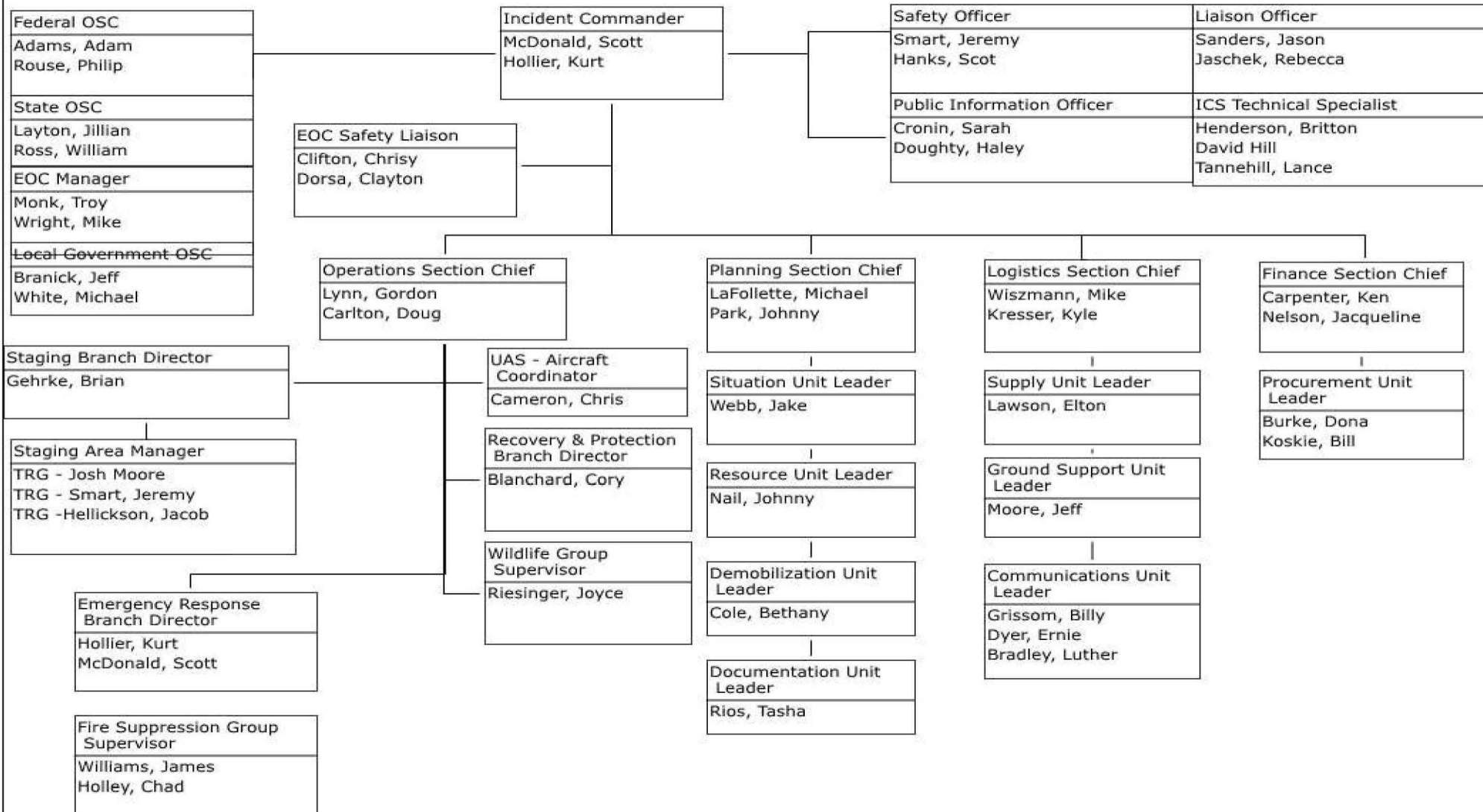
ICS 206 - Medical Plan		Version Name: Period 4	
Incident Name: South 4 Group Fire		Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]	
<p align="center">Special Medical Emergency Procedures</p>			
<p>Acadian AirMed 21, dedicated to this incident, is stationed at Jack Brooks airport. Any patients needing helicopter transport will be transported by ground to that location. Acadian Dispatch must be contacted to verify whether aircraft can fly before patient is transported. 409-980-7740.</p> <p>911 ops not impacted by incident, call 911 for medical response as normal</p> <p>Contact Info:</p> <p>EMS Group Supervisor: Eddie Burleigh 337-278-1268 Acadian Ambulance - Port Arthur (409-980-7740)</p> <p>EMS Deputy Group Supervisor: Monica Birdsong 409-201-9403 Acadian Ambulance - Port Arthur (409-980-7740)</p> <p>EMS Deputy Group Supervisor: Andrew Tucker (b) (6) Acadian Ambulance - Port Arthur (409-980-7740)</p> <p align="center">EMERGENCY MEDICAL PROCEDURES</p> <p align="center">In the event of a medical emergency provide the following information to the Communications Unit.</p> <ol style="list-style-type: none"> 1. Declare the nature of the emergency. <ul style="list-style-type: none"> ◦ Medical injury/illness? ◦ If injury/illness, is it Life Threatening? 2. If Life Threatening, then request that the designated frequency be cleared for emergency traffic. 3. Identify the on-scene Point of Contact (POC) by Resource and Last name. 4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates). 5. Identify on-scene medical personnel by position and name. 6. Identify preferred method of patient transport. 7. Request any additional resources and/or equipment needed. 8. Document all information received and transmitted on the radio or phone. 9. Identify any changes in the on-scene Point of Contact or medical personnel as they occur. 			
ICS 206 - Medical Plan		Prepared By IAP Support, Updated 12/01/2019 16:22 UTC -6:00 PP	
INCIDENT ACTION PLAN SOFTWARE™	Printed 12/01/2019 17:17 UTC -6:00	33 of 44	© TRG

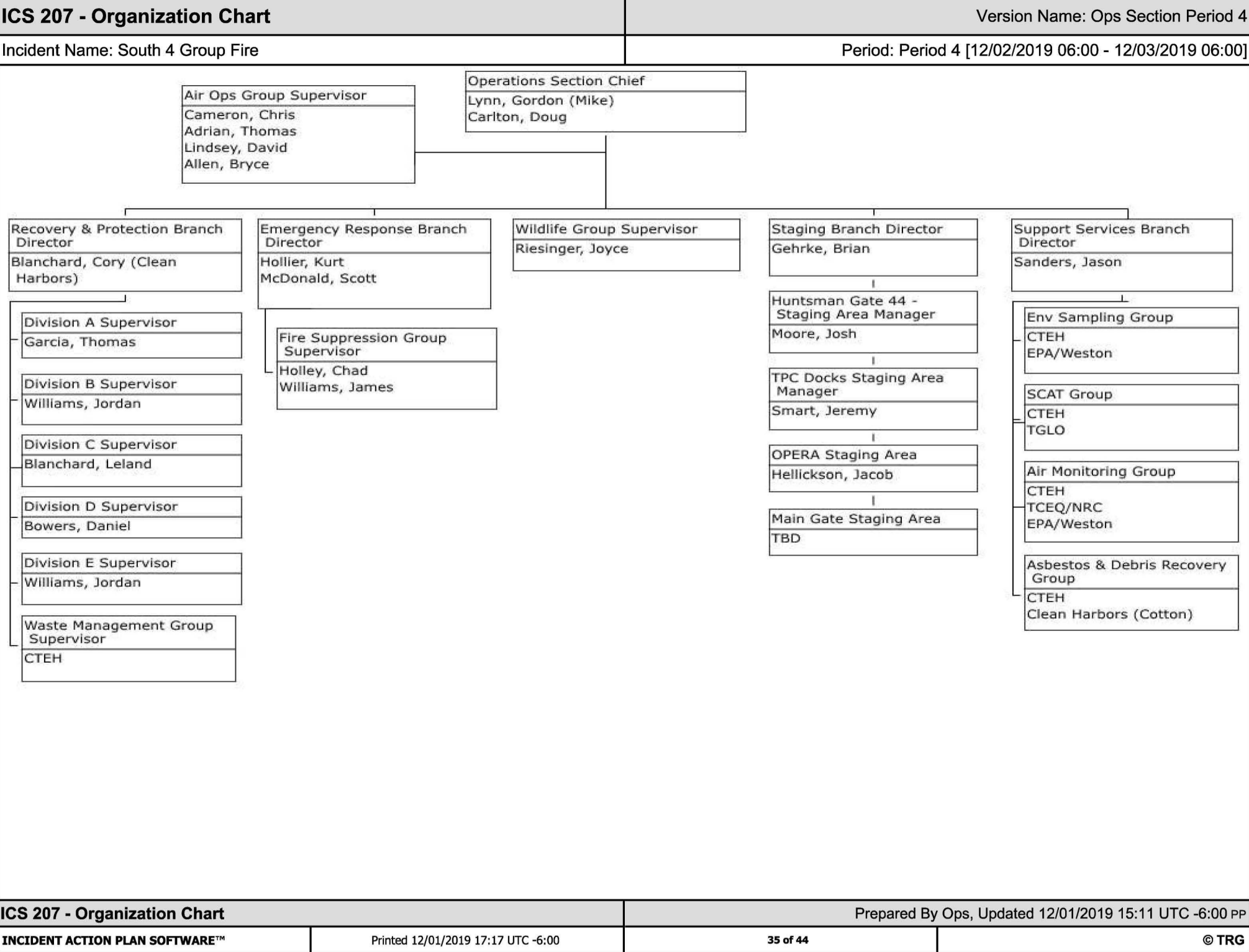
ICS 207 - Organization Chart

Version Name: Combined

Incident Name: South 4 Group Fire

Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]





ICS 208 - Site Safety Plan				Version Name: 11/28/19-Site Safety Plan			
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]			
Applies to Site: Onsite							
Site Characterization							
Water		Land		Weather			
Wave Height		Land Use		Air Temp		72 Fahrenheit	
Speed				Wind Speed		15 mph	
Direction				Direction		NNE	
Site Hazards							
Yes	No	Hazards	Yes	No	Hazards	Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Boat Safety	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pump Hose		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fire, Explosion, In-situ Burning	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls		
Air Monitoring Limits							
Oxygen Level		1,3-Butadiene	0.5ppm 5 min	Nitrogen Dioxide	0.2ppm 5 min		
LEL	1% 1 min	Butane	500ppm 5 min	Particulate Matter	351ug/m3 5 min		
Hydrogen Sulfide		Carbon Dioxide	5000ppm 5 min	Total VOCs	0.5ppm 5 min		
Benzene	0.5ppm 5 min	Carbon Monoxide	25ppm 5 min				
Total Hydrocarbons		LEL (action)	5% 1 min				
Engineering Controls							
<input type="checkbox"/>	Source of release secured	<input type="checkbox"/>	Valve(s) closed	<input type="checkbox"/>	Energy sources locked/tagged out		
<input checked="" type="checkbox"/>	Site secured	<input checked="" type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required							
<input type="checkbox"/>	Impervious suit	<input checked="" type="checkbox"/>	Hard hats	<input checked="" type="checkbox"/>	Boots		
<input type="checkbox"/>	Inner gloves	<input checked="" type="checkbox"/>	Respirators	<input checked="" type="checkbox"/>	Bunker Gear		
<input checked="" type="checkbox"/>	Outer gloves	<input checked="" type="checkbox"/>	Eye protection	<input checked="" type="checkbox"/>	SCBA - Fresh Air		
<input checked="" type="checkbox"/>	Flame resistant clothing	<input type="checkbox"/>	Personal flotation				
Additional Control Measures Established							
<input checked="" type="checkbox"/>	Decontamination	<input checked="" type="checkbox"/>	Illumination	<input type="checkbox"/>	Additional stations established		
<input checked="" type="checkbox"/>	Sanitation	<input type="checkbox"/>	Medical surveillance	<input checked="" type="checkbox"/>	Facilities provided		
Work Plan							
<input checked="" type="checkbox"/>	Booming	<input type="checkbox"/>	Excavation	<input type="checkbox"/>	Hot work		
<input checked="" type="checkbox"/>	Skimming	<input checked="" type="checkbox"/>	Heavy equipment	<input type="checkbox"/>	Appropriate permits used		
<input checked="" type="checkbox"/>	Vac trucks	<input type="checkbox"/>	Sorbent pads				
<input checked="" type="checkbox"/>	Pumping	<input type="checkbox"/>	Patching				
ICS 208 - Site Safety Plan				Prepared By Planning Planning, Updated 11/29/2019 12:40 UTC -6 PP			
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ICS 208 - Site Safety Plan				Version Name: 11/28/19-Site Safety Plan					
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]					
Training									
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements	Annual Emergency Response Training				
Organization									
<i>Position</i>		<i>Name</i>		<i>Telephone/Radio</i>		<i>Position</i>			
Incident Commander		McDonald, Scott		(b) (6)		Operations Section Chief			
Safety Officer		Clifton, Chrisy		(b) (6)					
Emergency Plan									
<input type="checkbox"/>	Fire Prevention Plan			<input checked="" type="checkbox"/>	Evacuation Plan				
<input type="checkbox"/>	Alarm System			<input checked="" type="checkbox"/>	First Aid Location				
Notifications									
<i>Facility</i>			<i>Phone</i>		<i>Facility</i>			<i>Phone</i>	
<input checked="" type="checkbox"/>	Hospital	Medical Center of SETX	409-853-5900		<input checked="" type="checkbox"/>	Fire	Port Neches Fire Department	409-853-5900	
<input checked="" type="checkbox"/>	Ambulance	Acadian EMS	409-980-7740		<input type="checkbox"/>	Law Enforcement			
<input checked="" type="checkbox"/>	Air Ambulance	Acadian AirMed	409-980-7740		<input type="checkbox"/>	Emergency Response/Rescue			
Initial Briefing									
<input type="checkbox"/>	Initial safety briefing prepared for each site								
Attachments/Appendices									
Attachment				Filename					
TPC_Boom Placement Imagery.PNG.png				TPC_Boom Placement Imagery.pdf					
ICS 208 - Site Safety Plan					Prepared By Planning Planning, Updated 11/29/2019 12:40 UTC -6 PP				
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ICS 208 - Site Safety Plan				Version Name: 11/29/2019- Staging 15			
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]			
Applies to Site: Staging 15							
Site Characterization							
Water		Land		Weather			
Wave Height		Land Use		Air Temp		72 Fahrenheit	
Speed				Wind Speed		15 mph	
Direction				Direction		NNE	
Site Hazards							
Yes	No	Hazards	Yes	No	Hazards	Yes	No
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Overhead/Buried Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Air Monitoring Limits							
Oxygen Level		1,3-Butadiene	0.5ppm 5 min	Nitrogen Dioxide	0.2ppm 5 min		
LEL	1% 1 min	Butane	500ppm 5min	Particulate Matter	351ug/m3 5 min		
Hydrogen Sulfide		Carbon Dioxide	5000ppm 5 min	Total VOC	5ppm 5min		
Benzene		Carbon Monoxide	25ppm 5min				
Total Hydrocarbons		LEL ACTION	5% 1 min				
Engineering Controls							
<input type="checkbox"/>	Source of release secured	<input type="checkbox"/>	Valve(s) closed	<input type="checkbox"/>	Energy sources locked/tagged out		
<input checked="" type="checkbox"/>	Site secured	<input checked="" type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required							
<input type="checkbox"/>	Impervious suit	<input checked="" type="checkbox"/>	Hard hats	<input checked="" type="checkbox"/>	Boots		
<input type="checkbox"/>	Inner gloves	<input checked="" type="checkbox"/>	Respirators	<input checked="" type="checkbox"/>	SCBA		
<input checked="" type="checkbox"/>	Outer gloves	<input checked="" type="checkbox"/>	Eye protection				
<input checked="" type="checkbox"/>	Flame resistant clothing	<input checked="" type="checkbox"/>	Personal flotation				
Additional Control Measures Established							
<input checked="" type="checkbox"/>	Decontamination	<input checked="" type="checkbox"/>	Illumination	<input type="checkbox"/>	Additional stations established		
<input checked="" type="checkbox"/>	Sanitation	<input type="checkbox"/>	Medical surveillance	<input checked="" type="checkbox"/>	Facilities provided		
Work Plan							
<input type="checkbox"/>	Booming	<input type="checkbox"/>	Excavation	<input type="checkbox"/>	Hot work		
<input type="checkbox"/>	Skimming	<input checked="" type="checkbox"/>	Heavy equipment	<input type="checkbox"/>	Appropriate permits used		
<input type="checkbox"/>	Vac trucks	<input type="checkbox"/>	Sorbent pads				
<input type="checkbox"/>	Pumping	<input type="checkbox"/>	Patching				
ICS 208 - Site Safety Plan							
Prepared By Planning Planning, Updated 11/29/2019 14:23 UTC -6 PP							
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ICS 208 - Site Safety Plan				Version Name: 11/29/2019- Staging 15			
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]			
Training							
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements	Annual Emergency Response Training		
Organization							
<i>Position</i>		<i>Name</i>		<i>Telephone/Radio</i>		<i>Position</i>	
Incident Commander		McDonald, Scott				Incident Commander	
Safety Officer		Clifton, Chrisy		(b) (6)		Safety Officer	
Operations Section Chief		Lynn, Gordon		(b) (6)		Operations Section Chief	
Emergency Plan							
<input type="checkbox"/>	Fire Prevention Plan			<input checked="" type="checkbox"/>	Evacuation Plan		
<input type="checkbox"/>	Alarm System			<input checked="" type="checkbox"/>	First Aid Location		
Notifications							
<i>Facility</i>				<i>Phone</i>		<i>Facility</i>	
<input checked="" type="checkbox"/>	Hospital	Medical Center of SETX	409-853-5900	<input checked="" type="checkbox"/>	Fire	Port Neches Fire Department	409-853-5900
<input checked="" type="checkbox"/>	Ambulance	Acadian Ambulance	800-259-1111	<input type="checkbox"/>	Law Enforcement		
<input checked="" type="checkbox"/>	Air Ambulance	Southeast Texas Air Rescue		<input type="checkbox"/>	Emergency Response/Rescue		
Initial Briefing							
<input type="checkbox"/>	Initial safety briefing prepared for each site						
ICS 208 - Site Safety Plan				Prepared By Planning Planning, Updated 11/29/2019 14:23 UTC -6 PP			
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ICS 208 - Site Safety Plan					Version Name: 11/29/2019 - Electrical Plan				
Incident Name: South 4 Group Fire					Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]				
Applies to Site: Electrical Plan									
Site Characterization									
Water			Land			Weather			
Wave Height			Land Use			Air Temp		70 Fahrenheit	
Speed						Wind Speed		13 mph	
Direction						Direction		SE	
Site Hazards									
Yes	No	Hazards	Yes	No	Hazards	Yes	No	Hazards	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Pump Hose	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Slips, Trips, and Falls	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Steam and Hot Water	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Trenching/Excavation	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input type="checkbox"/>	<input checked="" type="checkbox"/>	UV Radiation	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Visibility	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Overhead/Buried Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Weather	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Work Near Water	
Air Monitoring Limits									
Oxygen Level			Hydrogen Sulfide			Total Hydrocarbons			
LEL			Benzene						
Engineering Controls									
<input type="checkbox"/>	Source of release secured		<input type="checkbox"/>	Valve(s) closed		<input type="checkbox"/>	Energy sources locked/tagged out		
<input checked="" type="checkbox"/>	Site secured		<input checked="" type="checkbox"/>	Facility shut down					
Personal Protective Equipment Required									
<input type="checkbox"/>	Impervious suit		<input checked="" type="checkbox"/>	Flame resistant clothing		<input checked="" type="checkbox"/>	Eye protection		
<input type="checkbox"/>	Inner gloves		<input checked="" type="checkbox"/>	Hard hats		<input type="checkbox"/>	Personal flotation		
<input checked="" type="checkbox"/>	Outer gloves		<input type="checkbox"/>	Respirators		<input checked="" type="checkbox"/>	Boots		
Additional Control Measures Established									
<input type="checkbox"/>	Decontamination		<input type="checkbox"/>	Illumination		<input type="checkbox"/>	Additional stations established		
<input type="checkbox"/>	Sanitation		<input type="checkbox"/>	Medical surveillance		<input type="checkbox"/>	Facilities provided		
Work Plan									
<input type="checkbox"/>	Booming		<input type="checkbox"/>	Excavation		<input type="checkbox"/>	Hot work		
<input type="checkbox"/>	Skimming		<input type="checkbox"/>	Heavy equipment		<input type="checkbox"/>	Appropriate permits used		
<input type="checkbox"/>	Vac trucks		<input type="checkbox"/>	Sorbent pads					
<input type="checkbox"/>	Pumping		<input type="checkbox"/>	Patching					
Training									
<input type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements				Training Requirements				
Organization									
<i>Position</i>	<i>Name</i>		<i>Telephone/Radio</i>		<i>Position</i>	<i>Name</i>		<i>Telephone/Radio</i>	
Incident Commander	Hollier, Kurt		(b) (6)		Safety Officer	Dorsa, Clayton		(b) (6)	
Incident Commander	McDonald, Scott				Operations Section Chief	Lynn, Gordon		(b) (6)	
ICS 208 - Site Safety Plan					Prepared By Chrysy Clifton, Updated 11/29/2019 23:26 UTC -6:00 PP				
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ICS 208 - Site Safety Plan				Version Name: 11/29/2019 - Electrical Plan							
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]							
Safety Officer		Clifton, Chrisy		(b) (6)		Operations Section Chief		Carlton, Doug		(b) (6)	
Emergency Plan											
<input type="checkbox"/> Fire Prevention Plan		<input checked="" type="checkbox"/> Evacuation Plan									
<input type="checkbox"/> Alarm System		<input checked="" type="checkbox"/> First Aid Location									
Notifications											
Facility				Phone		Facility				Phone	
<input checked="" type="checkbox"/> Hospital		Medical Center of Southeast Texas		409-853-5900		<input checked="" type="checkbox"/> Fire		Port Neches Fire Department		409-853-5900	
<input checked="" type="checkbox"/> Ambulance		Acadian EMS		409-980-7740		<input type="checkbox"/> Law Enforcement					
<input checked="" type="checkbox"/> Air Ambulance		Acadian AirMed		409-980-7740		<input type="checkbox"/> Emergency Response/Rescue					
Initial Briefing											
<input type="checkbox"/> Initial safety briefing prepared for each site											
ICS 208 - Site Safety Plan						Prepared By Chrisy Clifton, Updated 11/29/2019 23:26 UTC -6:00 PP					
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ICS 208 - Site Safety Plan				Version Name: 11/29/2019 - Site Water Plan			
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]			
Applies to Site: Water Sources							
Site Characterization							
Water		Land		Weather			
Wave Height		Land Use		Air Temp		72 Fahrenheit	
Speed				Wind Speed		15 mph	
Direction				Direction		NNE	
Site Hazards							
Yes	No	Hazards	Yes	No	Hazards	Yes	No
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Boat Safety	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Fire, Explosion, In-situ Burning	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Chemical Hazards	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Heat Stress	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Cold Stress	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Helicopter Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Confined Spaces	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Lifting	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Drum Handling	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Motor Vehicles	<input type="checkbox"/>	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Operations	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Electrical Operations	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Overhead/Buried Utilities	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Fatigue	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Plants/Wildlife	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air Monitoring Limits							
Oxygen Level		1,3-Butadiene	0.5ppm 5 min	Nitrogen Dioxide	0.2ppm 5 min		
LEL	1% 1 min	Butane	500ppm 5min	Particulate Matter	351ug/m3 5 min		
Hydrogen Sulfide		Carbon Dioxide	5000ppm 5 min	Total VOC	5ppm 5min		
Benzene	0.5ppm 5min	Carbon Monoxide	25ppm 5min				
Total Hydrocarbons		LEL ACTION	5% 1 min				
Engineering Controls							
<input type="checkbox"/>	Source of release secured	<input type="checkbox"/>	Valve(s) closed	<input type="checkbox"/>	Energy sources locked/tagged out		
<input checked="" type="checkbox"/>	Site secured	<input checked="" type="checkbox"/>	Facility shut down				
Personal Protective Equipment Required							
<input type="checkbox"/>	Impervious suit	<input checked="" type="checkbox"/>	Hard hats	<input checked="" type="checkbox"/>	Boots		
<input type="checkbox"/>	Inner gloves	<input type="checkbox"/>	Respirators	<input checked="" type="checkbox"/>	Escape pack		
<input checked="" type="checkbox"/>	Outer gloves	<input checked="" type="checkbox"/>	Eye protection				
<input checked="" type="checkbox"/>	Flame resistant clothing	<input checked="" type="checkbox"/>	Personal flotation				
Additional Control Measures Established							
<input checked="" type="checkbox"/>	Decontamination	<input checked="" type="checkbox"/>	Illumination	<input type="checkbox"/>	Additional stations established		
<input checked="" type="checkbox"/>	Sanitation	<input type="checkbox"/>	Medical surveillance	<input checked="" type="checkbox"/>	Facilities provided		
Work Plan							
<input checked="" type="checkbox"/>	Booming	<input type="checkbox"/>	Excavation	<input type="checkbox"/>	Hot work		
<input checked="" type="checkbox"/>	Skimming	<input checked="" type="checkbox"/>	Heavy equipment	<input type="checkbox"/>	Appropriate permits used		
<input checked="" type="checkbox"/>	Vac trucks	<input checked="" type="checkbox"/>	Sorbent pads				
<input type="checkbox"/>	Pumping	<input type="checkbox"/>	Patching				
ICS 208 - Site Safety Plan							
Prepared By Chrysy Clifton, Updated 11/29/2019 23:37 UTC -6:00 PP							
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ICS 208 - Site Safety Plan				Version Name: 11/29/2019 - Site Water Plan			
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]			
Training							
<input checked="" type="checkbox"/>	Verified site workers trained per local/federal regulatory requirements			Training Requirements	Annual Emergency Response Training		
Organization							
<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>	<i>Position</i>	<i>Name</i>	<i>Telephone/Radio</i>		
Incident Commander	Hollier, Kurt	(b) (6)	Incident Commander	McDonald, Scott	(b) (6)		
Safety Officer	Dorsa, Clayton	(b) (6)	Safety Officer	Clifton, Chrisy	(b) (6)		
Operations Section Chief	Park, Johnny	(b) (6)	Operations Section Chief	Lynn, Gordon	(b) (6)		
Emergency Plan							
<input checked="" type="checkbox"/>	Fire Prevention Plan		<input checked="" type="checkbox"/>	Evacuation Plan			
<input type="checkbox"/>	Alarm System		<input checked="" type="checkbox"/>	First Aid Location			
Notifications							
<i>Facility</i>			<i>Phone</i>	<i>Facility</i>			<i>Phone</i>
<input checked="" type="checkbox"/>	Hospital	Medical Center of SETX	409-853-5900	<input checked="" type="checkbox"/>	Fire	Port Neches Fire Department	409-853-5900
<input checked="" type="checkbox"/>	Ambulance	Acadian Ambulance	800-259-1111	<input type="checkbox"/>	Law Enforcement		
<input checked="" type="checkbox"/>	Air Ambulance	Southeast Texas Air Rescue		<input type="checkbox"/>	Emergency Response/Rescue		
Initial Briefing							
<input type="checkbox"/>	Initial safety briefing prepared for each site						
ICS 208 - Site Safety Plan				Prepared By Chrisy Clifton, Updated 11/29/2019 23:37 UTC -6:00 PP			
INCIDENT ACTION PLAN SOFTWARE™		Printed 12/01/2019 17:17 UTC -6:00		43 of 44		© TRG	

ICS 220 - Air Operations Summary				Version Name: 20191202				
Incident Name: South 4 Group Fire				Period: Period 4 [12/02/2019 06:00 - 12/03/2019 06:00]				
Sunrise		Sunset		Ready Alert Aircraft				
12/02/2019 06:54		12/02/2019 17:16		Medivac				
Remarks (safety notes, hazards, air operations special equipment, etc)				New Incident				
<p>Operations to assist response personnel utilizing thermal and visual imagery at the incident site to determine tactics and assist in response planning.</p> <p>Heed all directions from emergency responders. Consider selection of take off and landing sites due to number of power lines IVO incident location. Keep continuous observation on smoke plume and egress/redeploy as conditions warrant.</p>				Temporary Flight Restriction Number				
				Altitude 400				
				Center Point 29.976815, -93.947531				
				Frequencies				
				<table border="1"> <tr> <th>Frequency / Function</th> <th>AM</th> <th>FM</th> </tr> <tr> <td colspan="3" style="height: 100px;"></td> </tr> </table>			Frequency / Function	AM
Frequency / Function	AM	FM						
Personnel								
<i>Position</i>	<i>Name</i>	<i>Phone</i>						
Visual Observer	Adrian, Thomas							
Air Ops Group Supervisor	Allen, Bryce	(b) (6)						
Air Ops Group Supervisor (Data Collection)	Cameron, Chris	832-493-2437						
Air Ops Branch Director	Lindsey, David	(b) (6)						
Fixed-Wing Aircraft								
<i>FAA N#</i>	<i>Category</i>	<i>Make/Model</i>	<i>Base</i>	<i>Available</i>	<i>Start</i>	<i>Remarks</i>		
ASPECT			BPT	12/01/2019 08:00		EPA Aircraft		
Helicopters								
<i>FAA N#</i>	<i>Category</i>	<i>Make/Model</i>	<i>Base</i>	<i>Available</i>	<i>Start</i>	<i>Remarks</i>		
FA3WNXXPCY	sUAV	Phantom 4 Pro V2	Incident Command Post	11/28/2019 06:00	11/28/2019 07:00	PIC - B. Coleman		
FA3HCFMKEH	sUAV	Matrice 210v2 RTK	Incident Command Post	11/29/2019 06:00	11/29/2019 06:00			
FA34CL9AA3	sUAV	Matrice M600	Incident Command Post	11/29/2019 06:00	11/29/2019 06:00			
Task / Mission / Assignment								
<i>Function</i>	<i>Name of Personnel or Cargo or Instructions for Tactical Aircraft</i>		<i>Mission Start</i>	<i>Fly To</i>		<i>Fly From</i>		
Aerial Observation	Aerial Observation and imagery capture of incident location.		11/28/2019 07:00	Incident Location		Recommended Safe Distance		
ICS 220 - Air Operations Summary								
Prepared By Air Operations, Updated 12/01/2019 16:36 UTC -6:00 PP								
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